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AUG 02 2007

Attorney Docket No. 06645/LH**IN THE UNITED STATES PATENT  
AND TRADEMARK OFFICE**

Applicants : Tsugio AMBO et al  
Serial No. : 10/593,796  
Filed : February 2, 2007  
For : CIRCUIT BOARD, ITS  
MANUFACTURING METHOD,  
AND JOINT BOX USING  
CIRCUIT BOARD  
Customer No.: 01933  
Art Unit : 1775  
Examiner : Not Yet Assigned  
Confirm. No.: 4463

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450,  
Alexandria, VA 22313-1450

S I R :

Submitted herewith are:

1. A copy of the English language International Search Report (ISR) dated July-12, 2005, which was issued by WIPO in a PCT Application corresponding to the present application. Said International Search Report is identified on the enclosed IDS Form, Sheet 2;
2. Copies of the cited documents (except U.S. patents and patent publications); and
3. IDS Forms.

The English language International Search Report constitutes an explanation of relevance of non-English documents identified therein (MPEP 609.04(a)III).

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TOTAL PAGES: **54**

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Diane J. HegstromDated: August 2, 2007

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No. 06-1378.

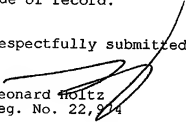
JP 10-243526, cited on the attached IDS Form, Sheet 1, is identified and discussed beginning at the middle of page 1 of the present specification. In addition to a copy of this document, an English language Abstract is also provided.

USP 6,049,043, cited on the attached IDS Form, Sheet 1, is a family member of JP 10-242592 cited in the International Search Report.

A copy of Japanese Laid Open No. 005670 (identified on the International Search Report as Microfilm of the specification and drawings) is cited on the attached IDS Form (Sheet 2).

It is requested that initialed copies of the IDS Forms be returned to indicate that the publications listed therein have all been considered and made of record.

Respectfully submitted,

  
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U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

IDS FORM		Application Number		10/593,796	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>		Filing Date		February 2, 2007 IDS:08-02-07	
		First Named Inventor		Tsugio AMBO et al	
		Group Art Unit		1976 2841	
		Examiner Name		<del>Not Yet Assigned</del> Xiaoliang Chen	
Sheet	1	of	2	Attorney Docket Number	
				06645/LH	

## U.S. PATENT DOCUMENTS

Exam. Initial s	Cite No <sup>1</sup>	Document Number	Kind Code <sup>2</sup>	Name of Patentee or Applicant	Publication Date MM-DD-YYYY	Relevant Portion
X.C.J.		6,049,043	A	TONEJC	04-11-2000	

## FOREIGN PATENT DOCUMENTS

Exam. Initial s	Cite No <sup>1</sup>	Offc <sup>3</sup>	Document Number <sup>4</sup>	Kind Code <sup>5</sup>	Name of Patentee or Applicant	Publication Date MM-DD-YYYY	Relevant Portion	T <sup>6</sup>
X.C.J.			JP 10-243526	A	RYOSEI DENSO KK	09-11-1998		x
			JP 10-242592	A	SIEMENS AG	09-11-1998		x
			JP 05-167207	A	OKUMA CORP.	07-02-1993		
			JP 08-223742	A	SUMITOMO WIRING..	08-30-1996		
			JP 04-345082	A	MITSUBISHI ELECTRIC	12-01-1992		
			JP 08-153425	A	FURUKAWA ELECTRIC	06-11-1996		
			JP 09-153516	A	YAZAKI CORP.	06-20-1997		
x Includes English language Abstract.								
Examiner Signature				Date Considered				

<sup>1</sup> EXAMINER: Initial if reference considered, whether or not citation is in conformance with HEER 605. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>2</sup> Unique citation designation number. <sup>3</sup> See kinds of U.S. Patent Documents. <sup>4</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>5</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>6</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>7</sup> Place a check here if English translation is attached.

DATE MAILED: August 2, 2007

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U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

<b>IDS FORM</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>			Application Number	10/593,796	
			Filing Date	February 2, 2007	
			First Named Inventor	Tsigio AMBO et al	
			Group Art Unit	<del>1975</del> 2841	
			Examiner Name	<del>Not Yet Assigned</del> Xiaoliang Chen	
Sheet	2	of	2	Attorney Docket Number	06645/LH
<b>OTHER DOCUMENTS - NON-PATENT LITERATURE DOCUMENTS</b>					
Examiner Initials <sup>1</sup>	Cite No. <sup>2</sup>	Include name of author (in CAPITAL LETTERS), title of article, title of item, date, page(s), volume-issue number(s), publisher, city and/or country where published			T <sup>3</sup>
/X.C./		Microfilm of the specification and drawings annexed to the request of Japanese Utility Model Appln. No. 45623/1990 (Laid open No. 005670/1992); The Furukawa Electric Co., Ltd.; January 20, 1992.			
/X.C./		Notification Concerning Transmittal of Copy of International Search Report of the International Searching Authority, Dated July 12, 2005, for PCT/JP2006/325670, 7 sheets.			
Examiner Signature	/Xiaoliang Chen/			Date Considered	05/12/2009

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> Place a check here if English translation is attached.

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